

Case No. F3238(C)

20. (Amended) Single screw extruder comprising an extruding screw and a barrel, said extruding screw having a length (LT) in contact with the barrel, a pitch length (Sp) and a screw diameter (De), said single screw extruder comprising cooling means constituted by a cooling circuit wherein a cooling liquid is circulated, said extruding screw being characterised by between 2 and 6 thread starts and pitch angle defined as $\text{Arctg}(Sp/Pi.De)$ of between 32 and 42 degrees.